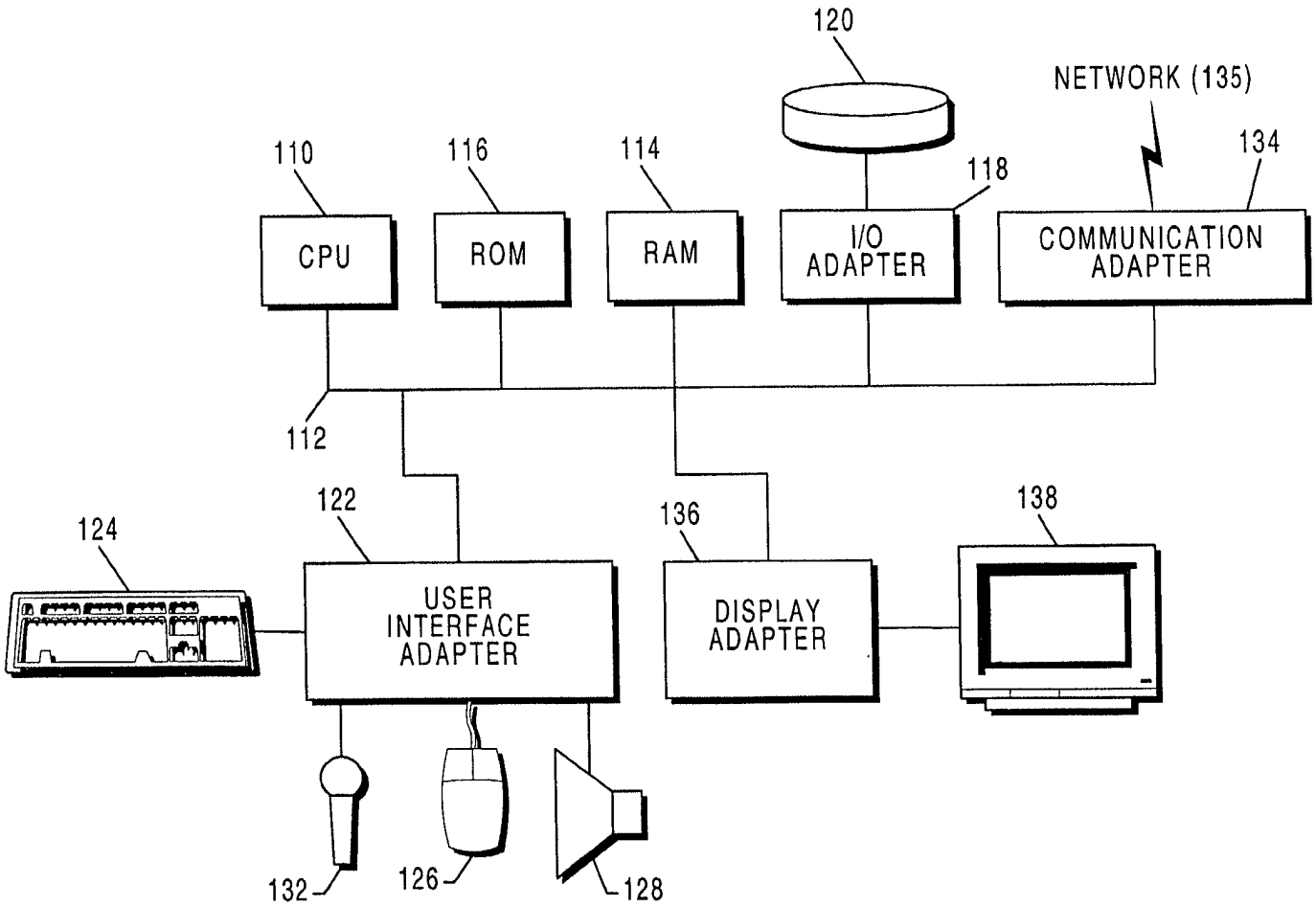

120
NETWORK (135)
110
116
114
118
134
CPU
ROM
RAM
I/O ADAPTER
COMMUNICATION ADAPTER
112
122
136
138
124
USER INTERFACE ADAPTER
DISPLAY ADAPTER
132
126
128

FIGURE 1

Page 34 of 93 - 09/30/2005 - 10:58:26

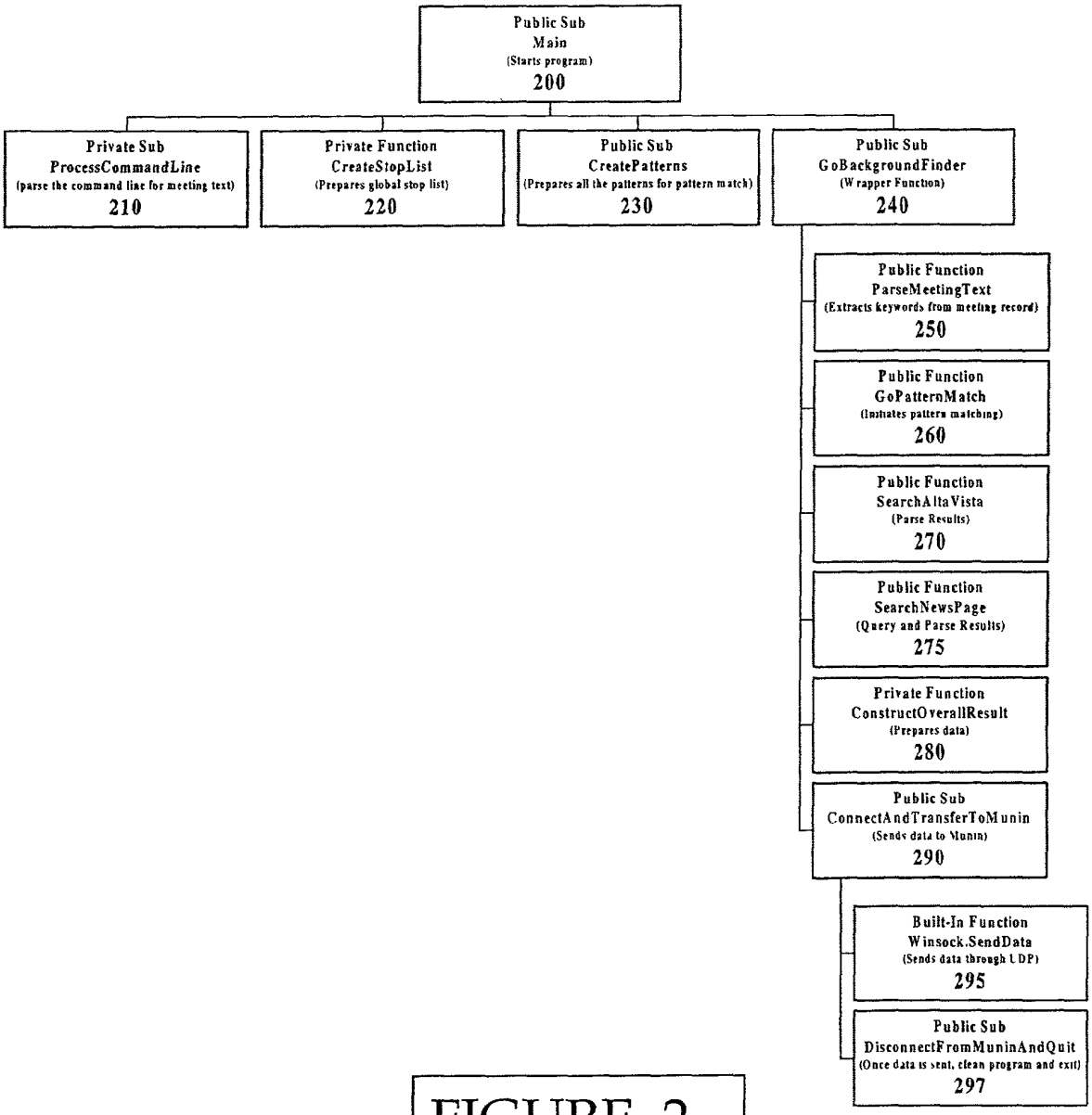


FIGURE 2

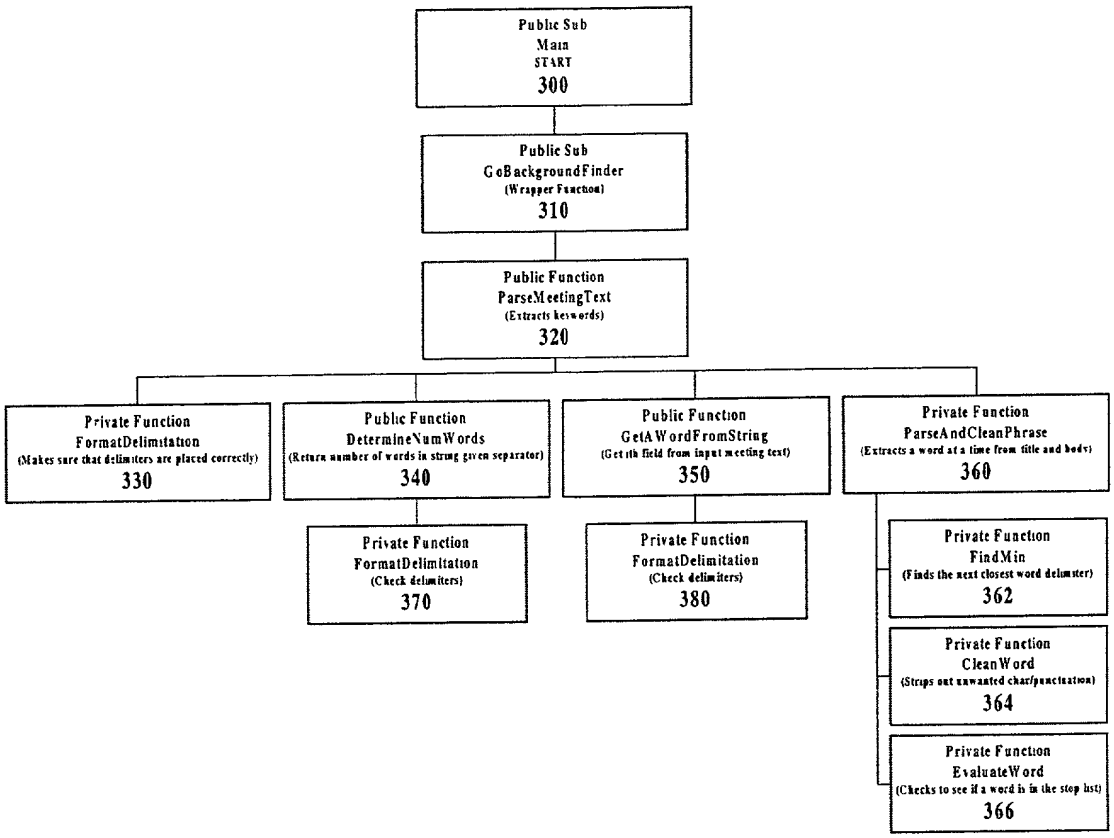

Public Sub
Main
START
300
Public Sub
GoBackgroundFinder
(Wrapper Function)
310
Public Function
ParseMeetingText
(Extracts keywords)
320
Private Function
FormatDelimitation
(Makes sure that delimiters are placed correctly)
330
Public Function
DetermineNumWords
(Return number of words in string given separator)
340
Public Function
GetAWordFromString
(Get ith field from input meeting text)
350
Private Function
ParseAndCleanPhrase
(Extracts a word at a time from title and body)
360
Private Function
FormatDelimitation
(Check delimiters)
370
Private Function
FormatDelimitation
(Check delimiters)
380
Private Function
FindMin
(Finds the next closest word delimiter)
362
Private Function
CleanWord
(Strips out unwanted char/punctuation)
364
Private Function
EvaluateWord
(Checks to see if a word is in the stop list)
366

FIGURE 3

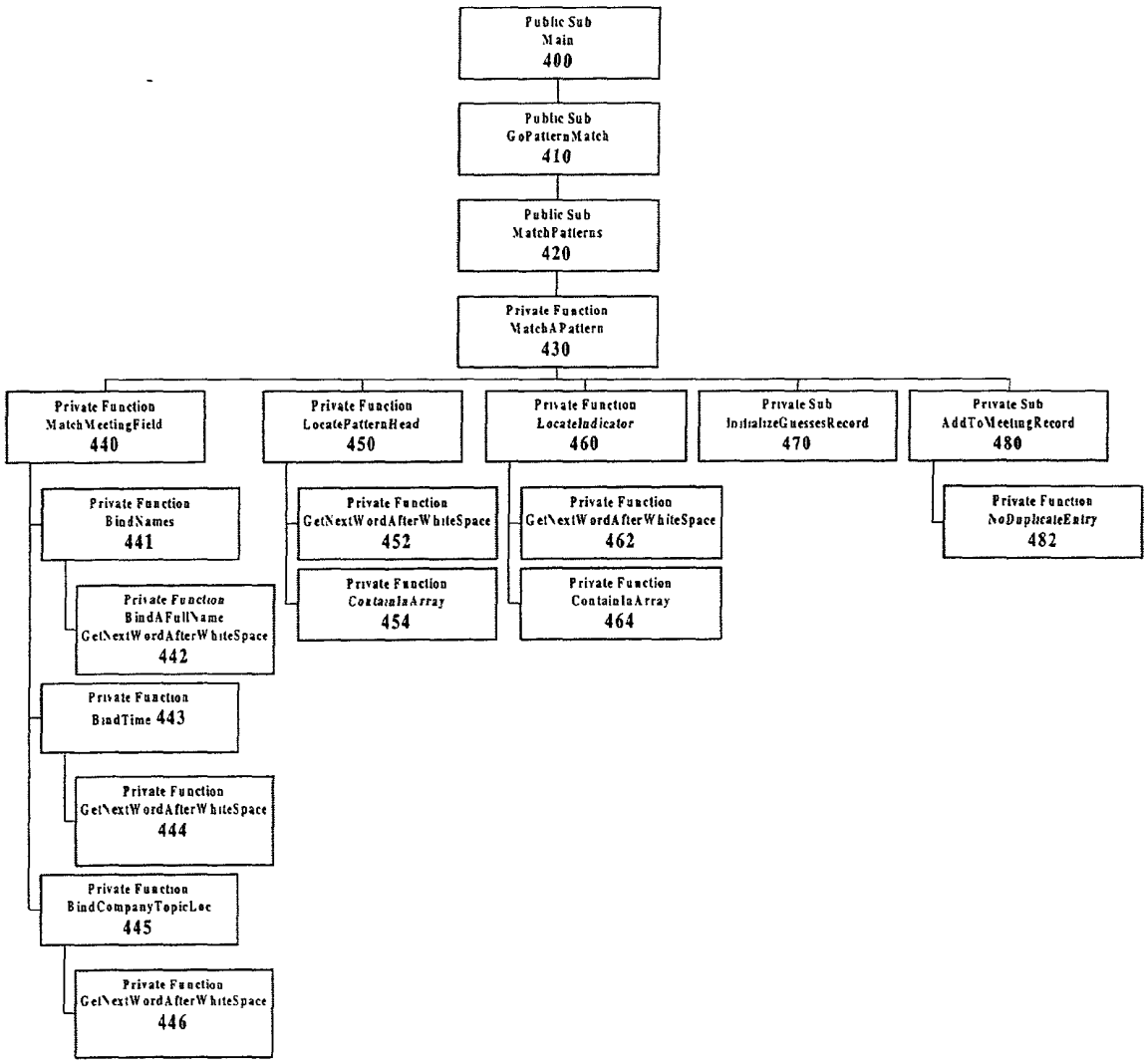

Public Sub
Main
400
Public Sub
GoPatternMatch
410
Public Sub
MatchPatterns
420
Private Function
MatchAPattern
430
Private Function
MatchMeetingField
440
Private Function
LocatePatternHead
450
Private Function
LocateIndicator
460
Private Sub
InitializeGuessesRecord
470
Private Sub
AddToMeetingRecord
480
Private Function
BindNames
441
Private Function
BindAFullName
GetNextWordAfterWhiteSpace
442
Private Function
BindTime 443
Private Function
GetNextWordAfterWhiteSpace
444
Private Function
BindCompanyTopicLoc
445
Private Function
GetNextWordAfterWhiteSpace
446
Private Function
GetNextWordAfterWhiteSpace
452
Private Function
ContainInArray
454
Private Function
GetNextWordAfterWhiteSpace
462
Private Function
ContainInArray
464
Private Function
NoDuplicateEntry
482

FIGURE 4

4,963,940 - 09/30/1990

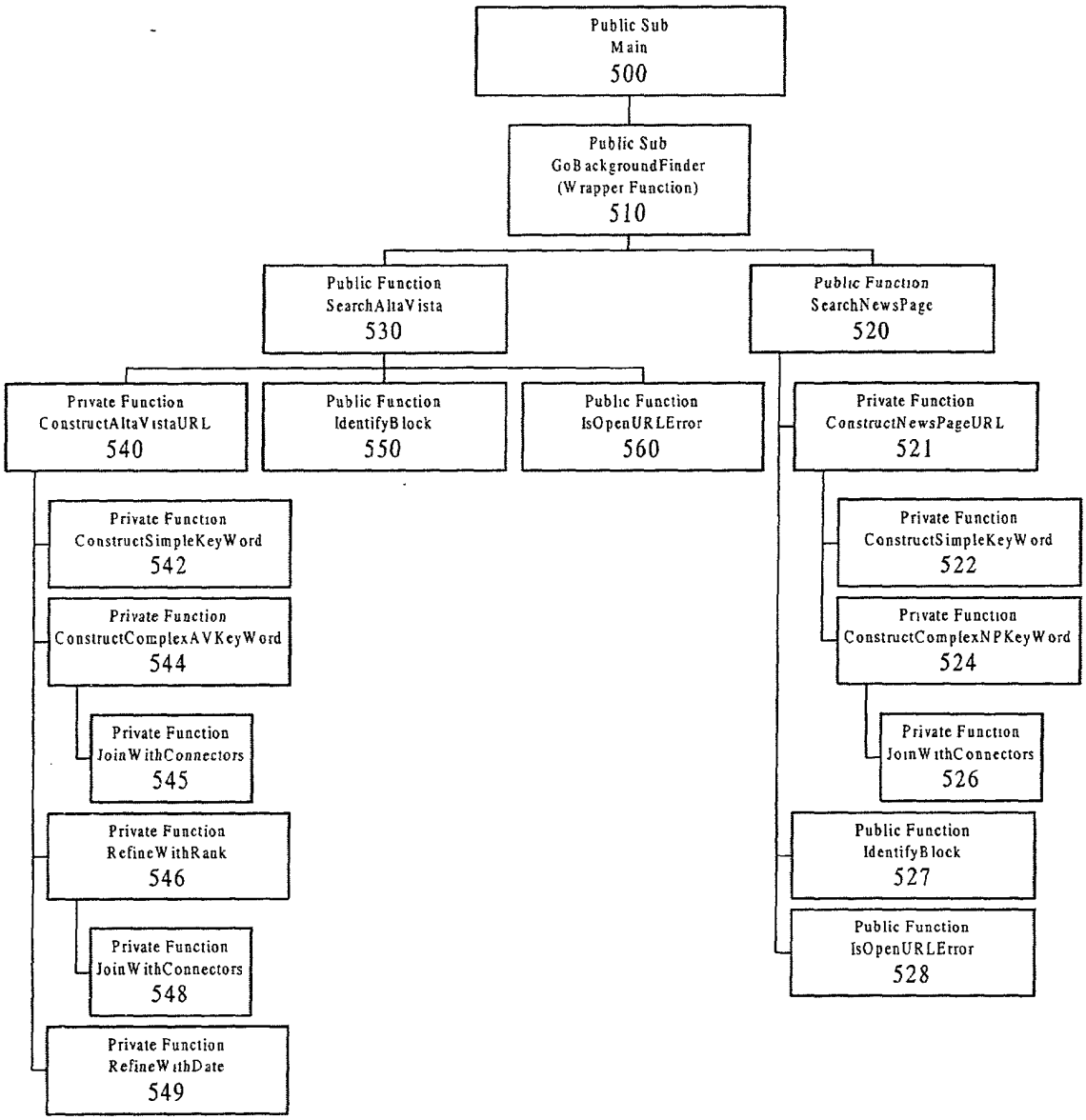


FIGURE 5

FOOTER: 09452360

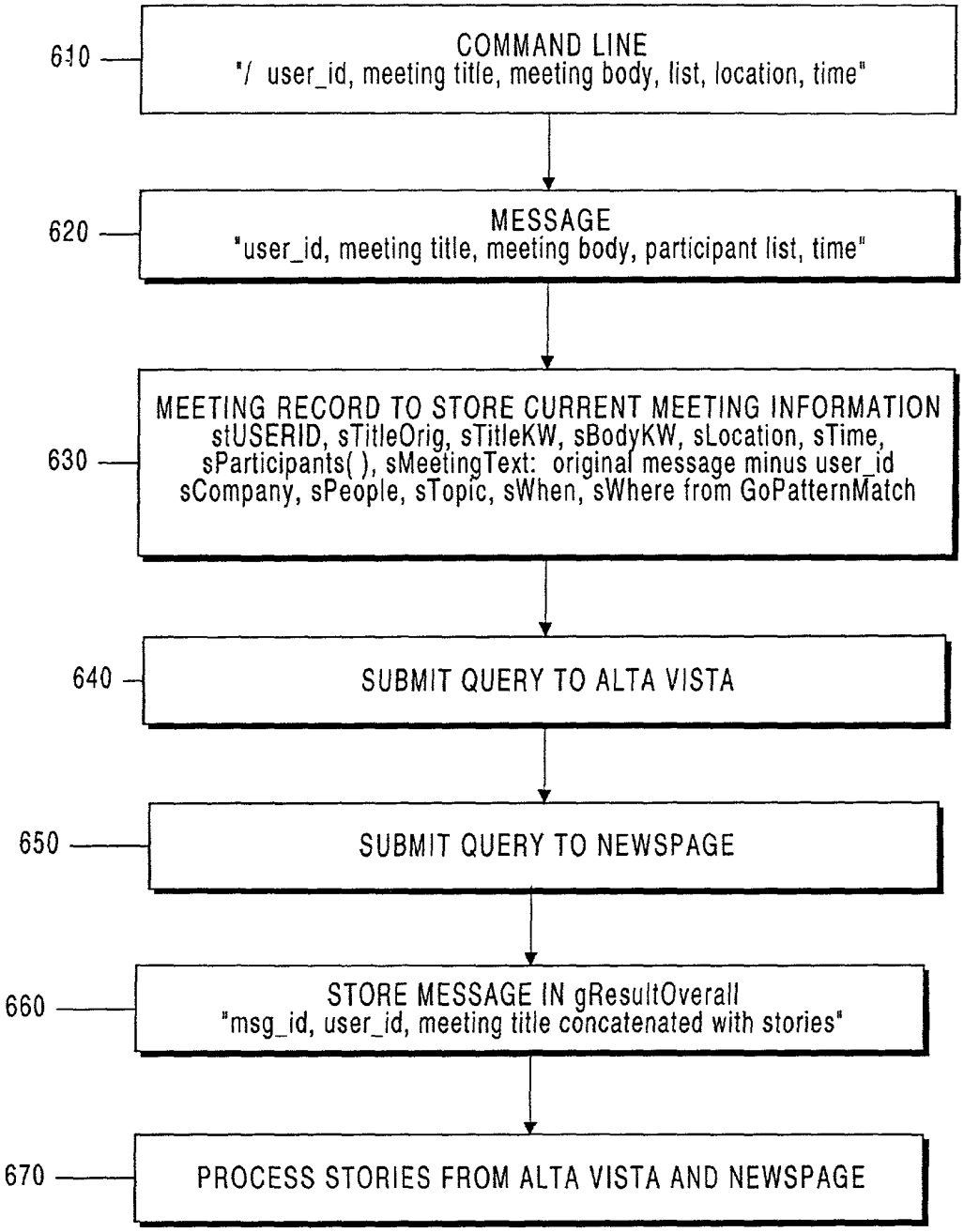


FIGURE 6

Copyright 2005 Google

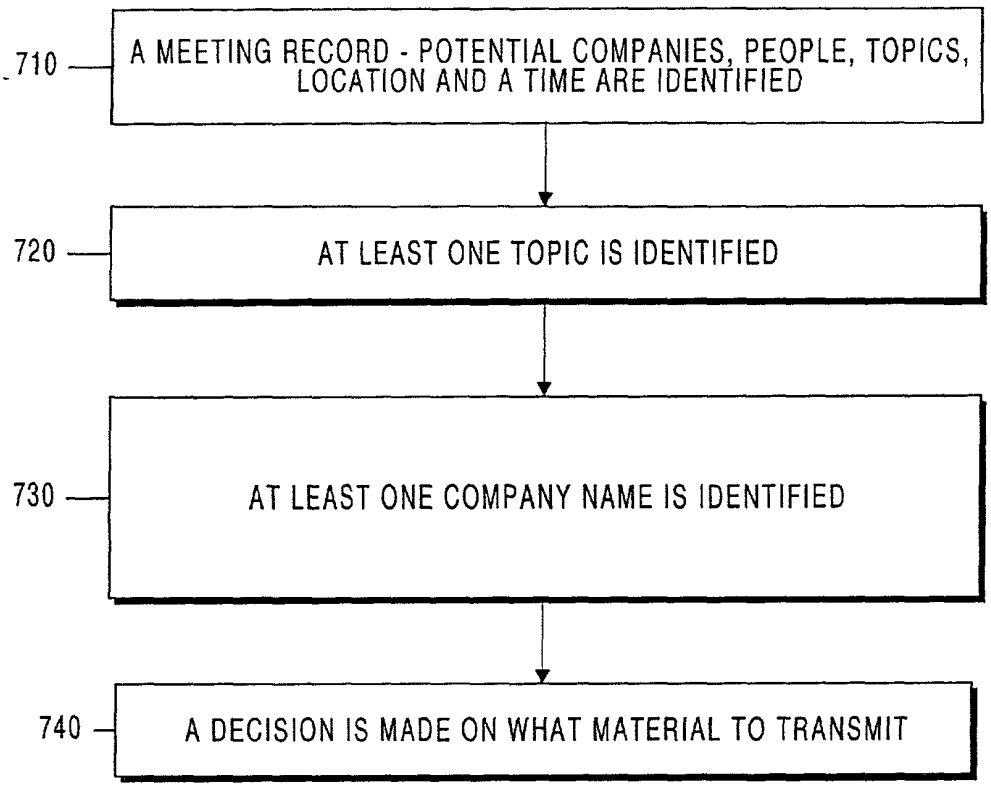


FIGURE 7

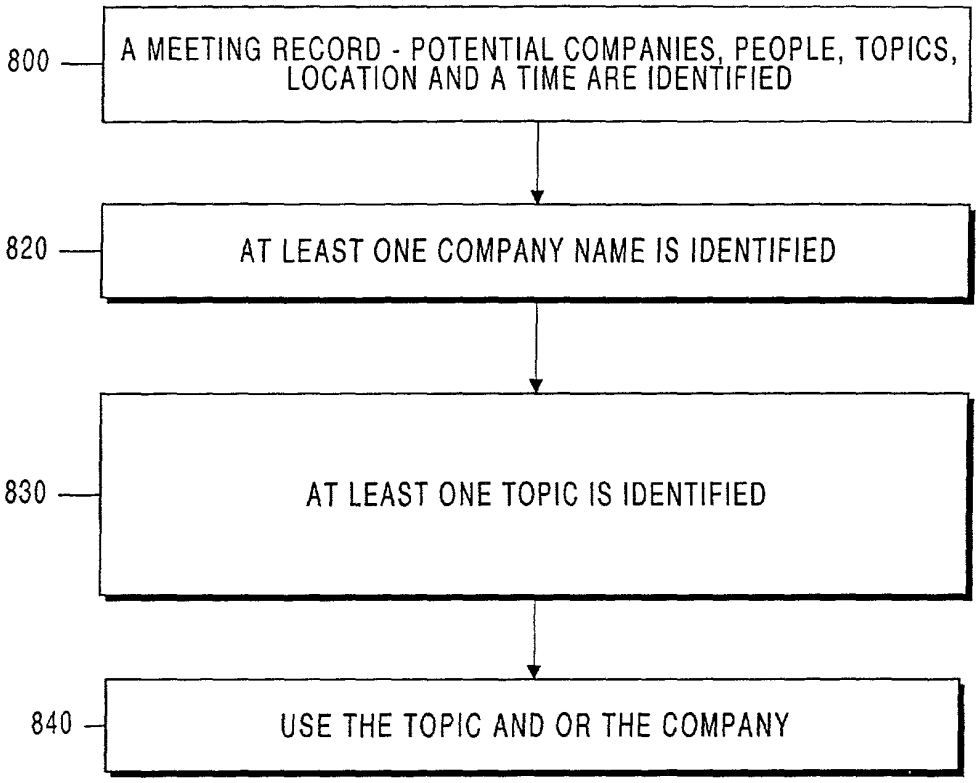

800
A MEETING RECORD - POTENTIAL COMPANIES, PEOPLE, TOPICS, LOCATION AND A TIME ARE IDENTIFIED
820
AT LEAST ONE COMPANY NAME IS IDENTIFIED
830
AT LEAST ONE TOPIC IS IDENTIFIED
840
USE THE TOPIC AND OR THE COMPANY

FIGURE 8

FOOTAR - 09459569

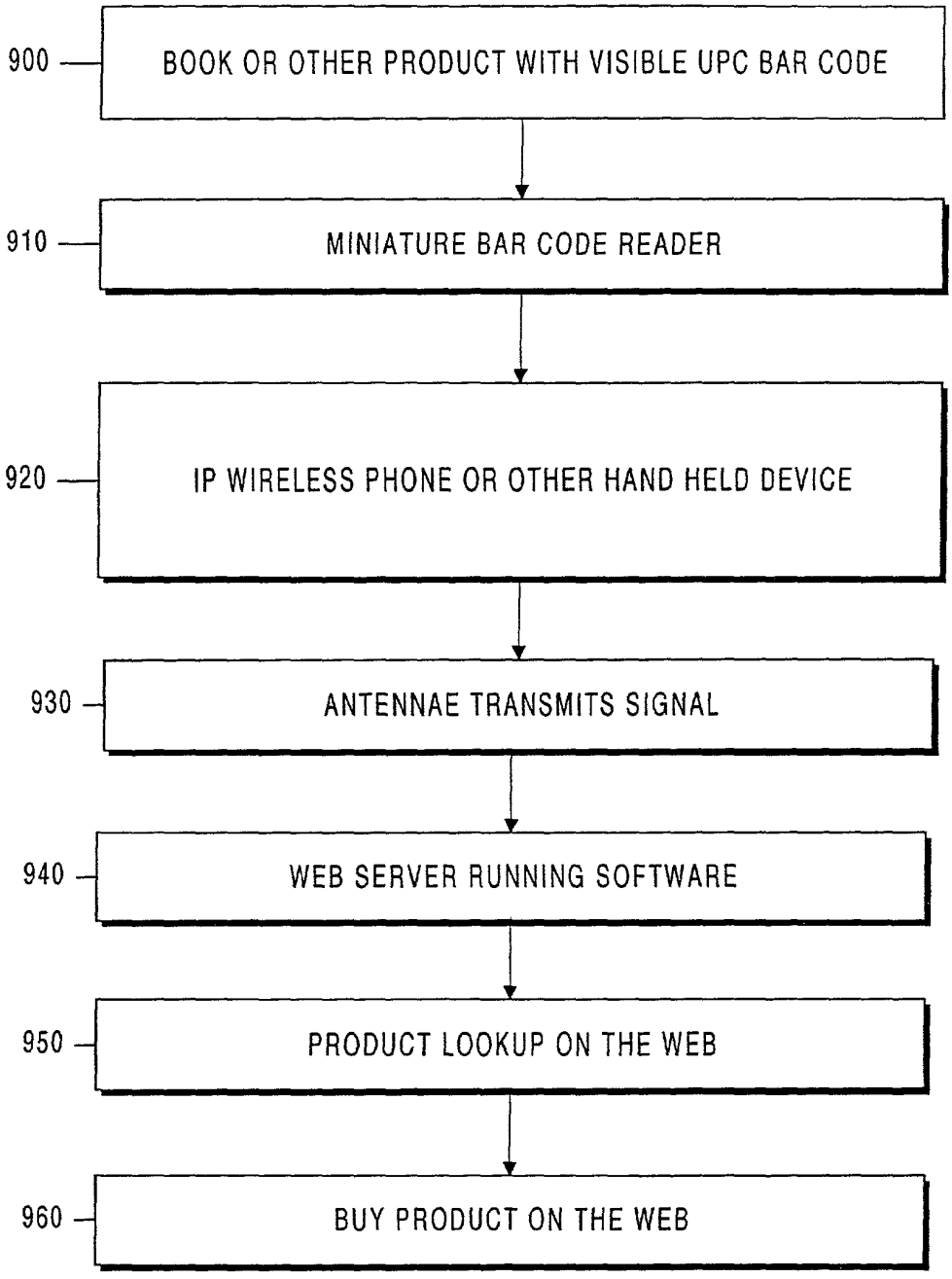


FIGURE 9

FIGURE 10A

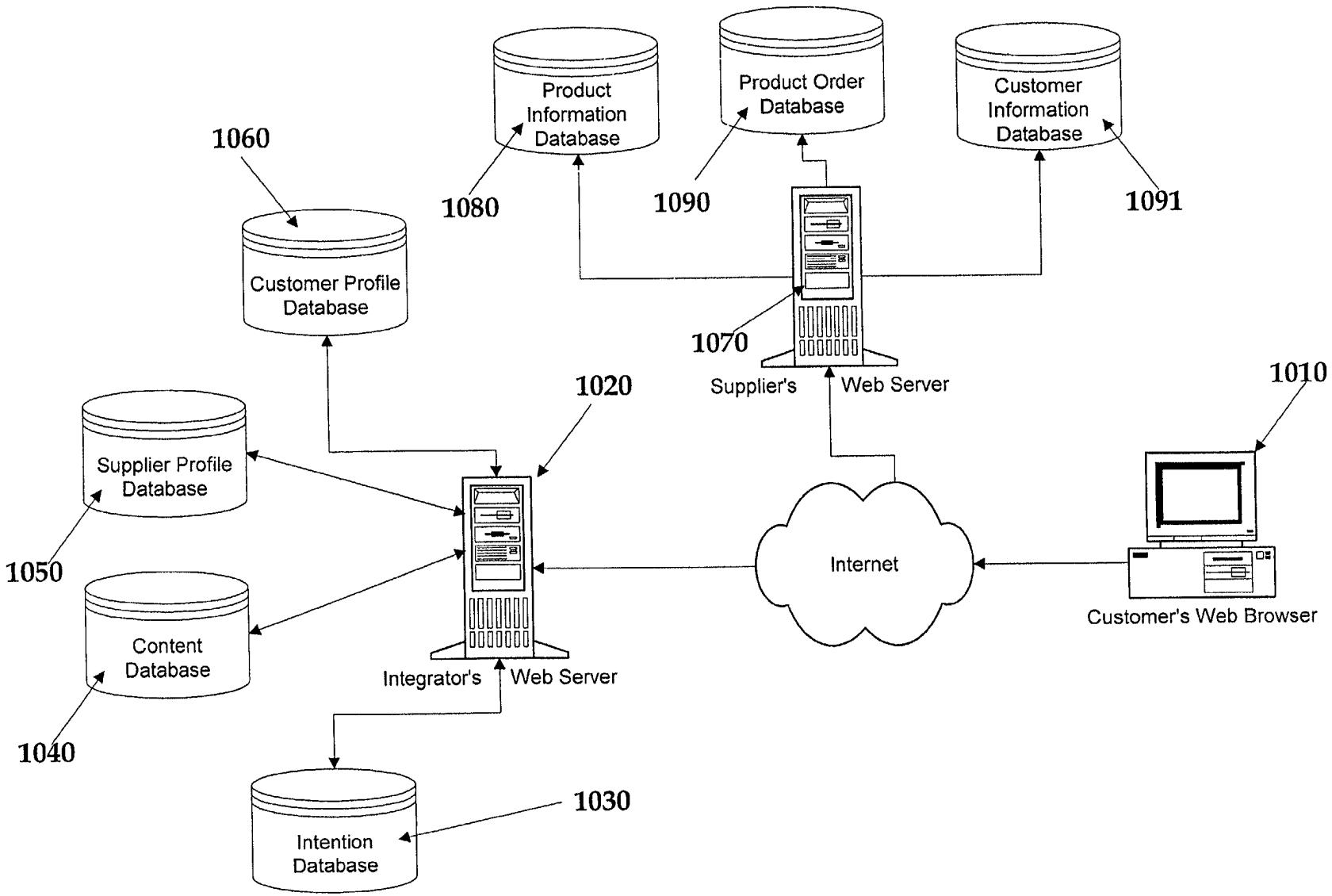

Product Information Database
Product Order Database
Customer Information Database
1060
1080
1090
1091
Customer Profile Database
1070
Supplier's Web Server
1020
1010
Supplier Profile Database
1050
Internet
Content Database
Integrator's Web Server
Customer's Web Browser
1040
1030
Intention Database

Figure 10B

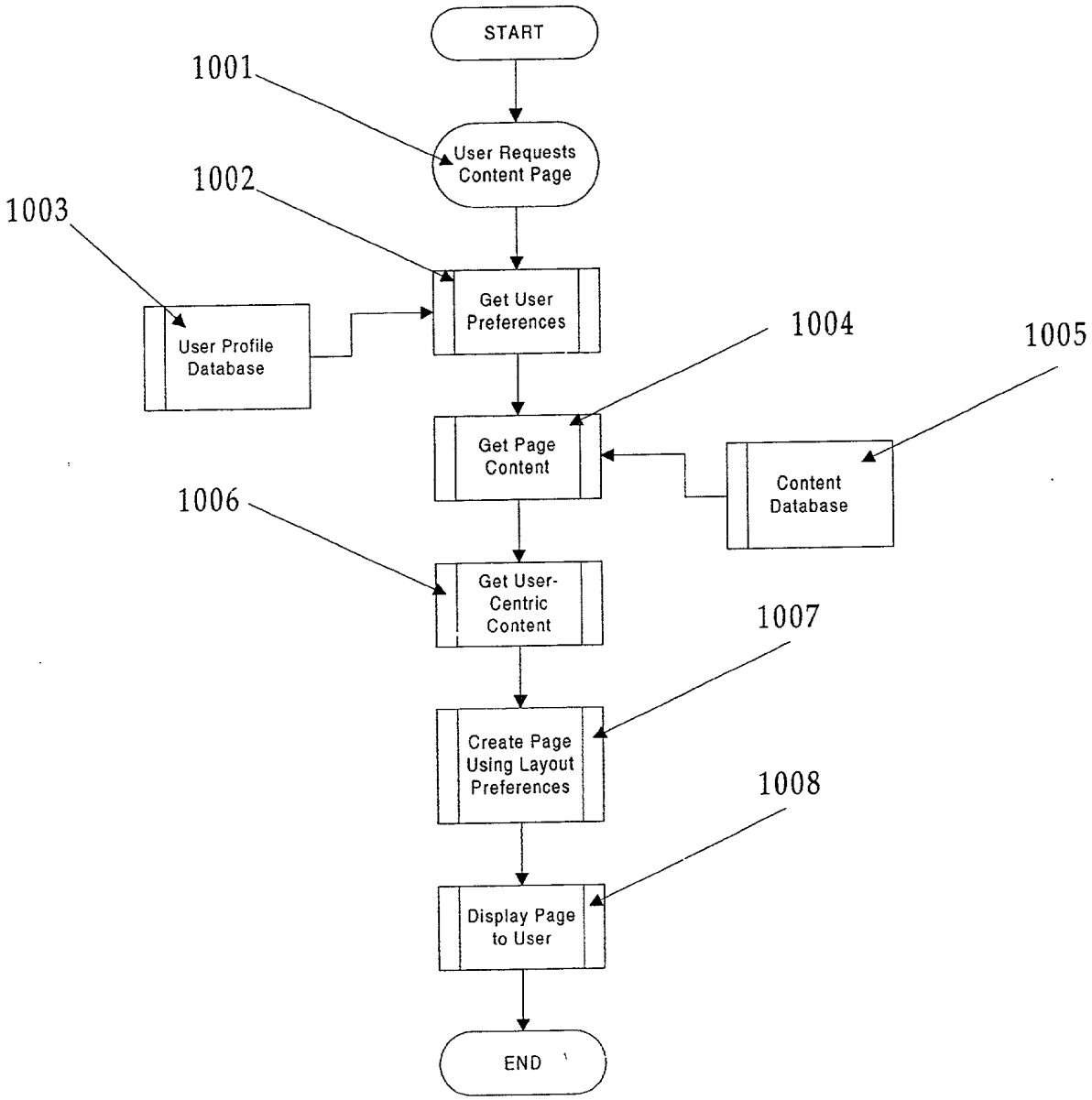

START
1001
User Requests Content Page
1002
1003
Get User Preferences
User Profile Database
1004
1005
Get Page Content
Content Database
1006
Get User-Centric Content
1007
Create Page Using Layout Preferences
1008
Display Page to User
END

Figure 11: Retrieve User-Centric Content

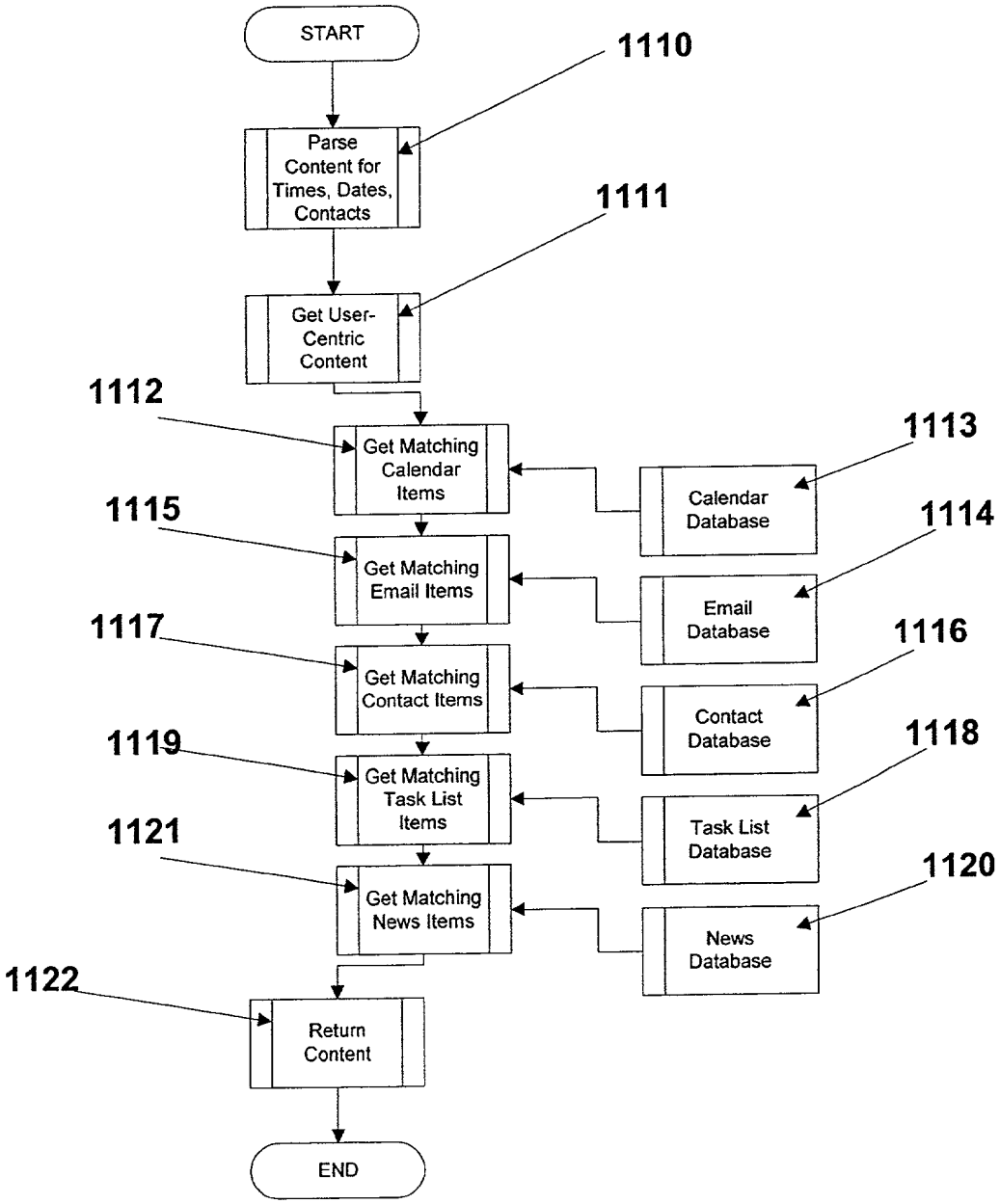


Figure 12: User Profile Data Model

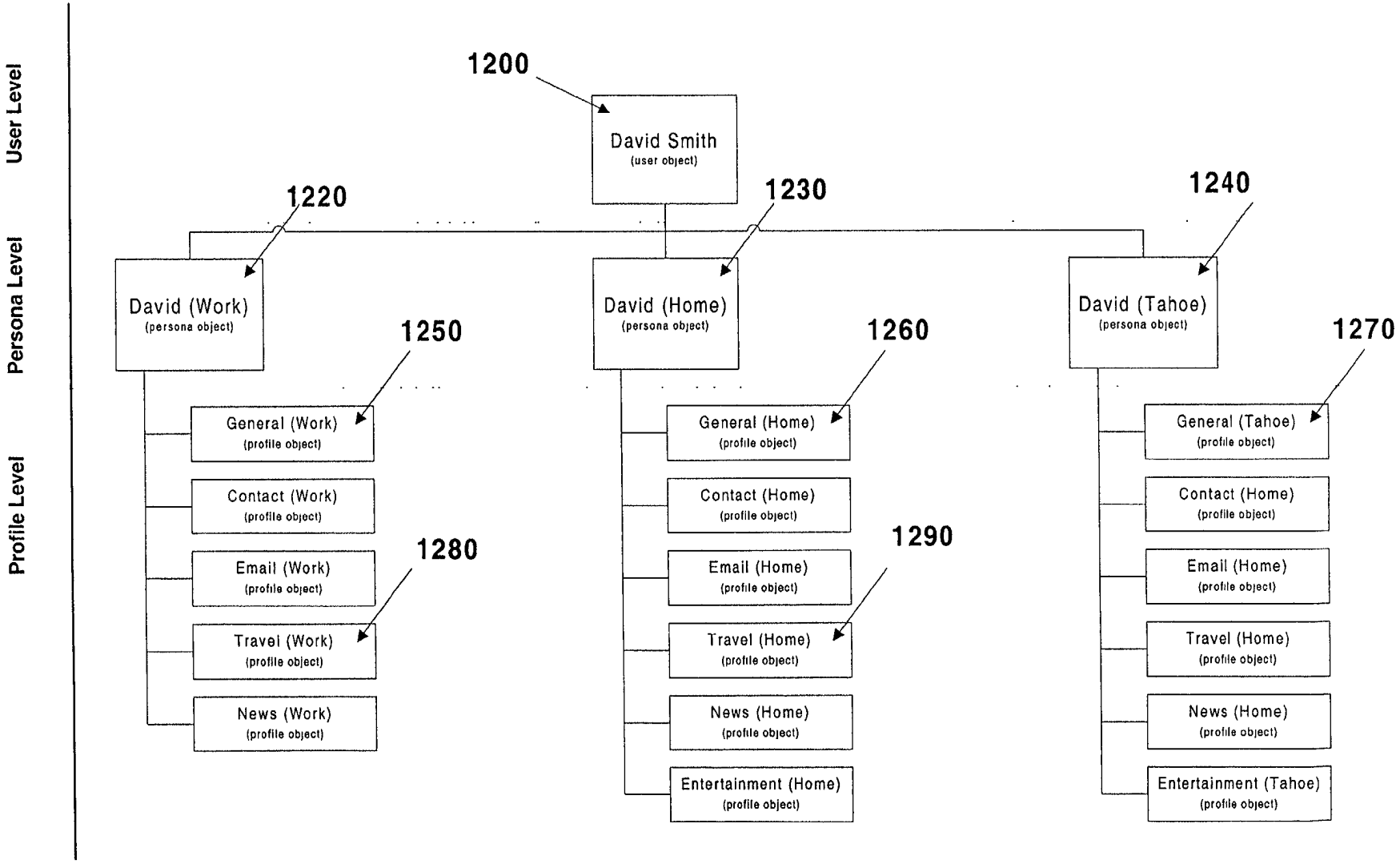


Figure 13: Persona Data Model

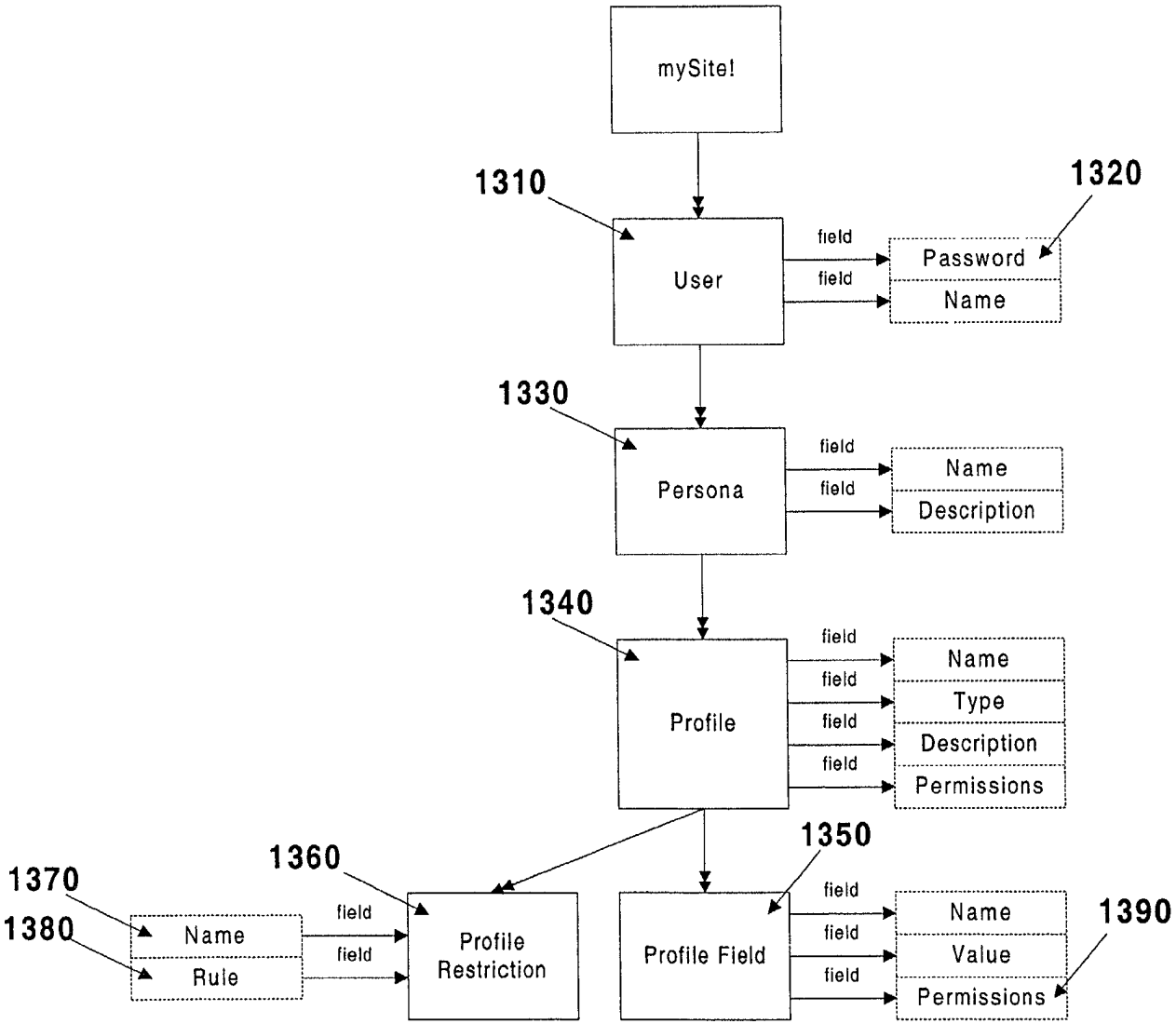


Figure 14: Intention Data Model

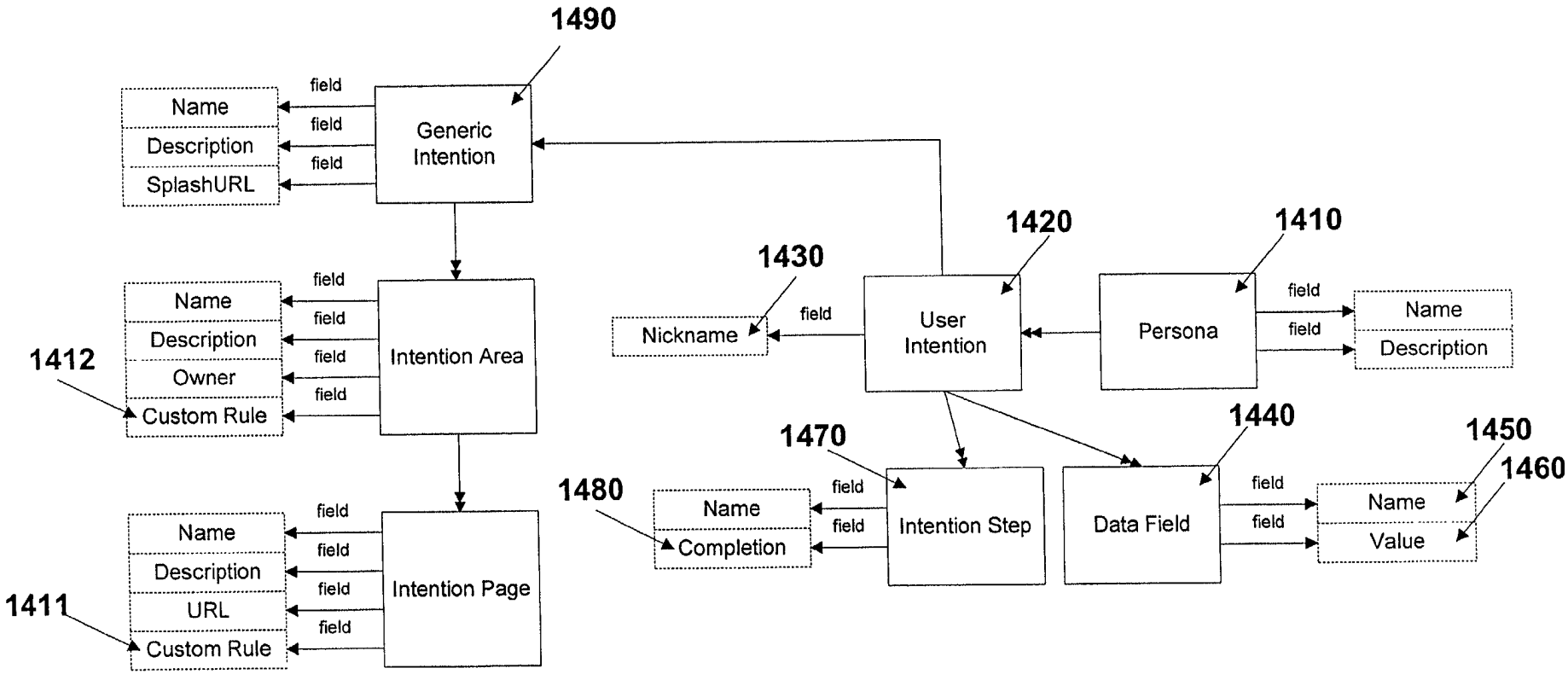


Figure 15

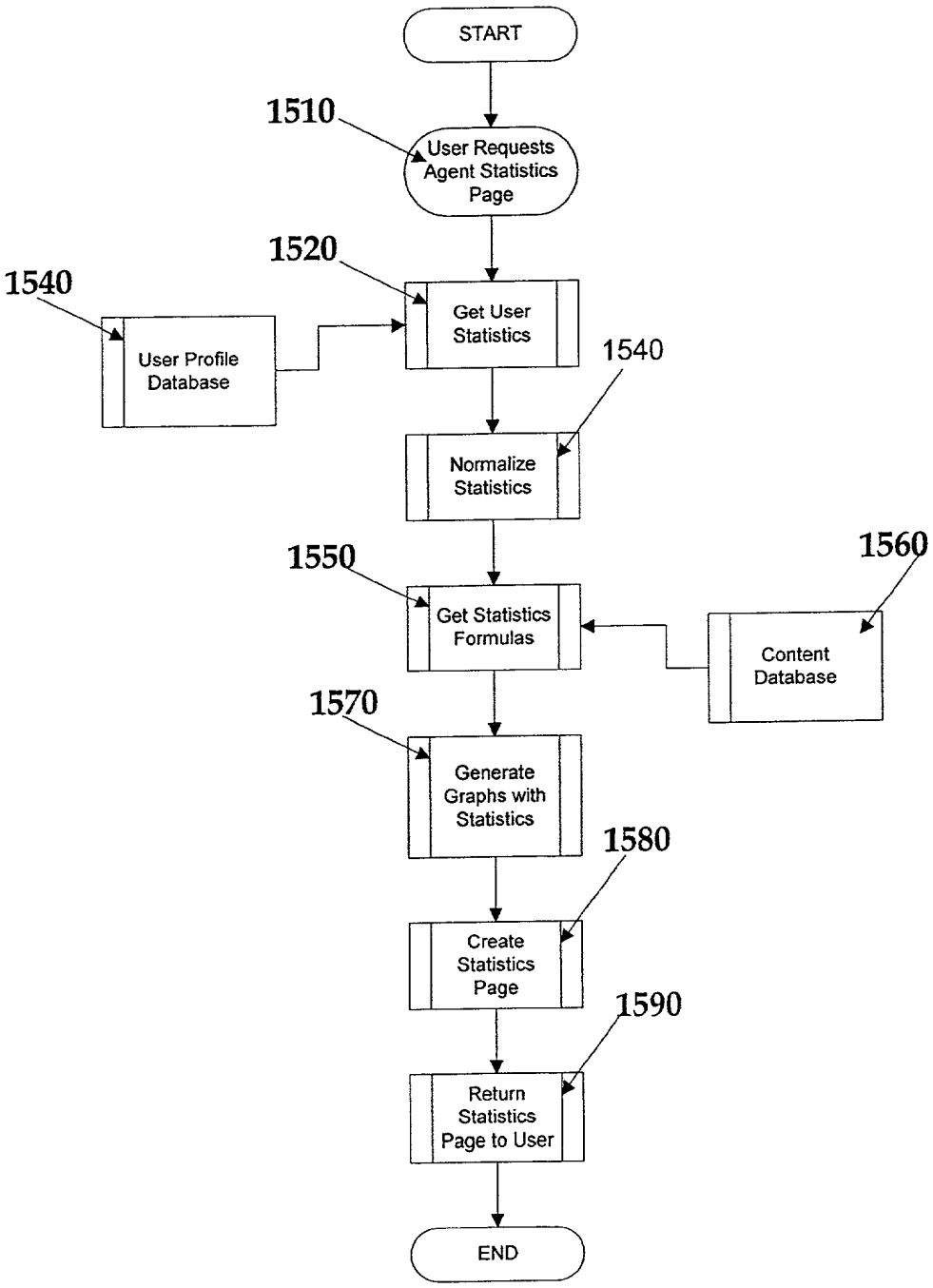

START
1510
User Requests Agent Statistics Page
1520
1540
Get User Statistics
User Profile Database
1540
Normalize Statistics
1550
1560
Get Statistics Formulas
Content Database
1570
Generate Graphs with Statistics
1580
Create Statistics Page
1590
Return Statistics Page to User
END

Figure 16

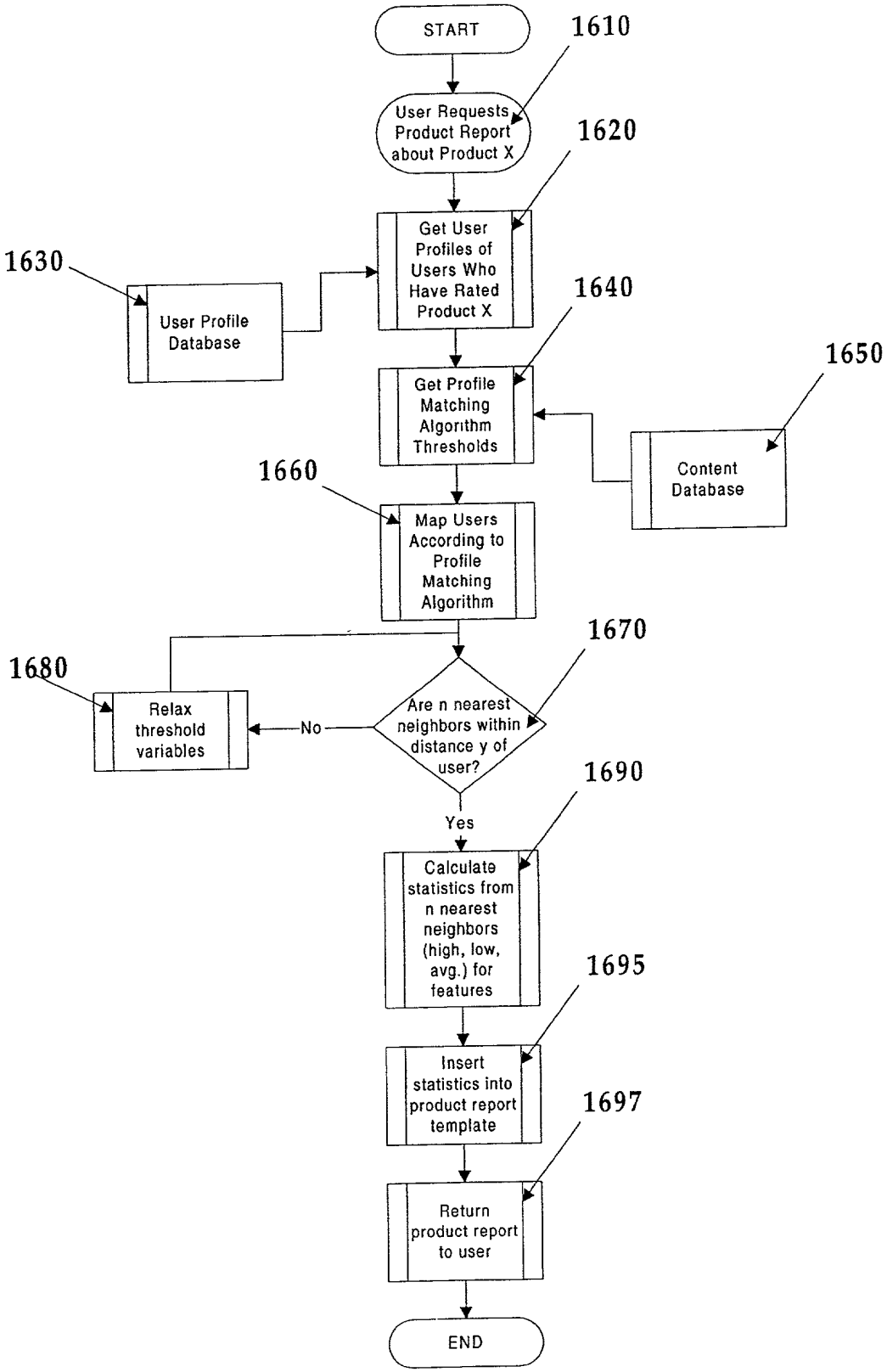

START
1610
User Requests Product Report about Product X
1620
Get User Profiles of Users Who Have Rated Product X
1630
User Profile Database
1640
Get Profile Matching Algorithm Thresholds
1650
Content Database
1660
Map Users According to Profile Matching Algorithm
1670
Are n nearest neighbors within distance y of user?
No
1680
Relax threshold variables
Yes
1690
Calculate statistics from n nearest neighbors (high, low, avg.) for features
1695
Insert statistics into product report template
1697
Return product report to user
END

Figure 17

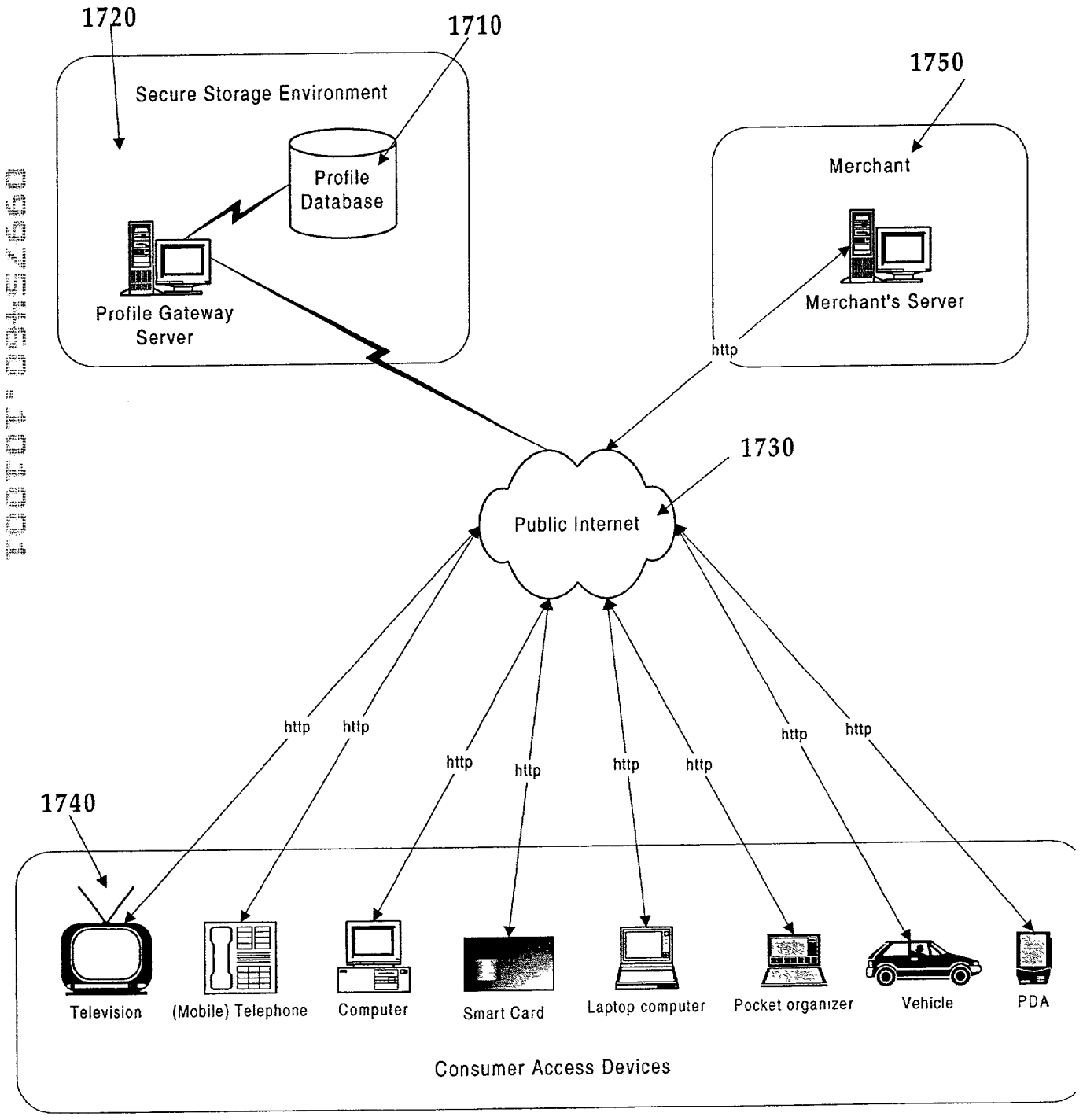

1720
1710
1750
Secure Storage Environment
Profile Database
Profile Gateway Server
Merchant
Merchant's Server
http
1730
Public Internet
http
http
http
http
http
http
http
http
1740
Television
(Mobile) Telephone
Computer
Smart Card
Laptop computer
Pocket organizer
Vehicle
PDA
Consumer Access Devices

Figure 18

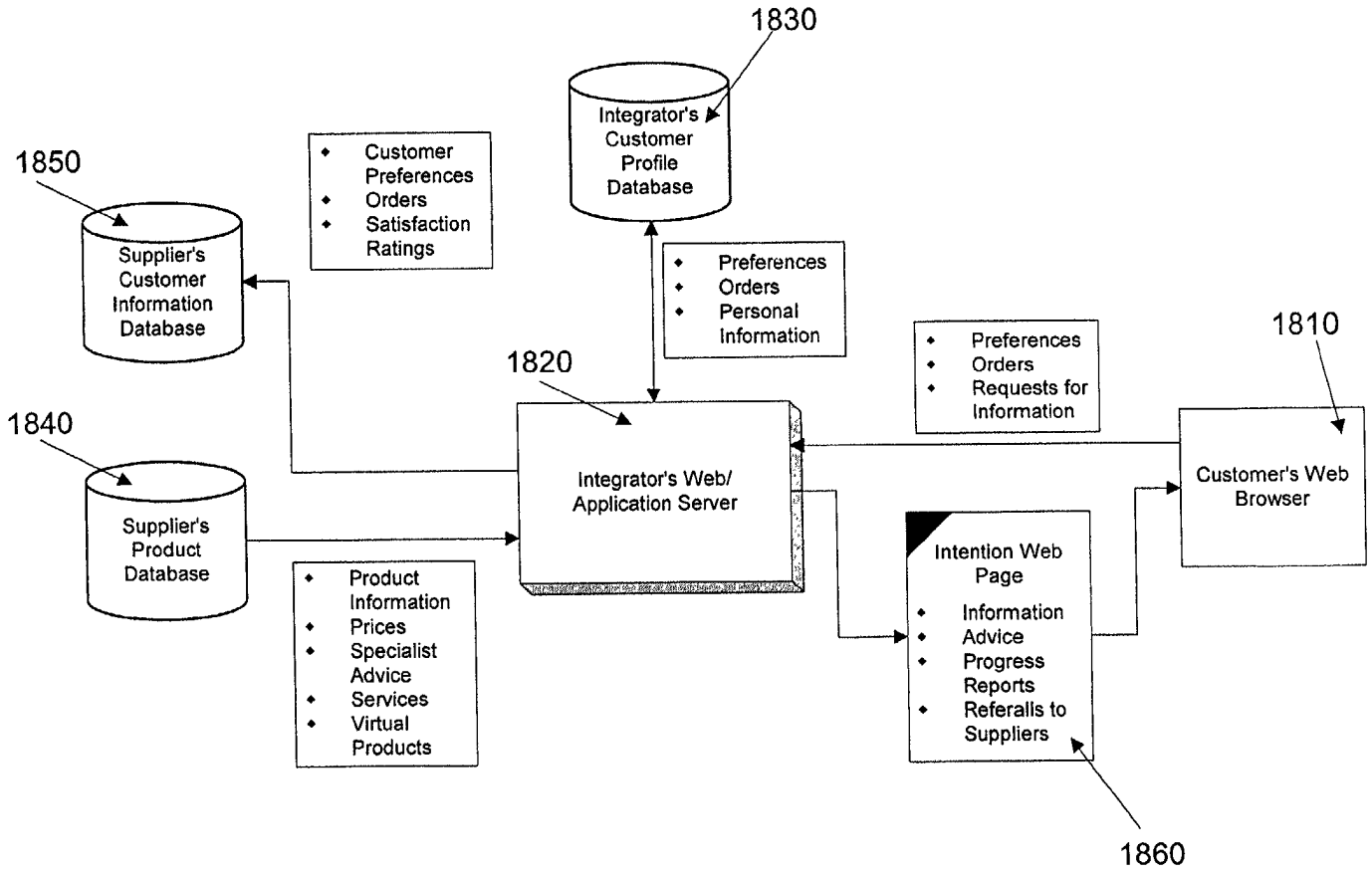
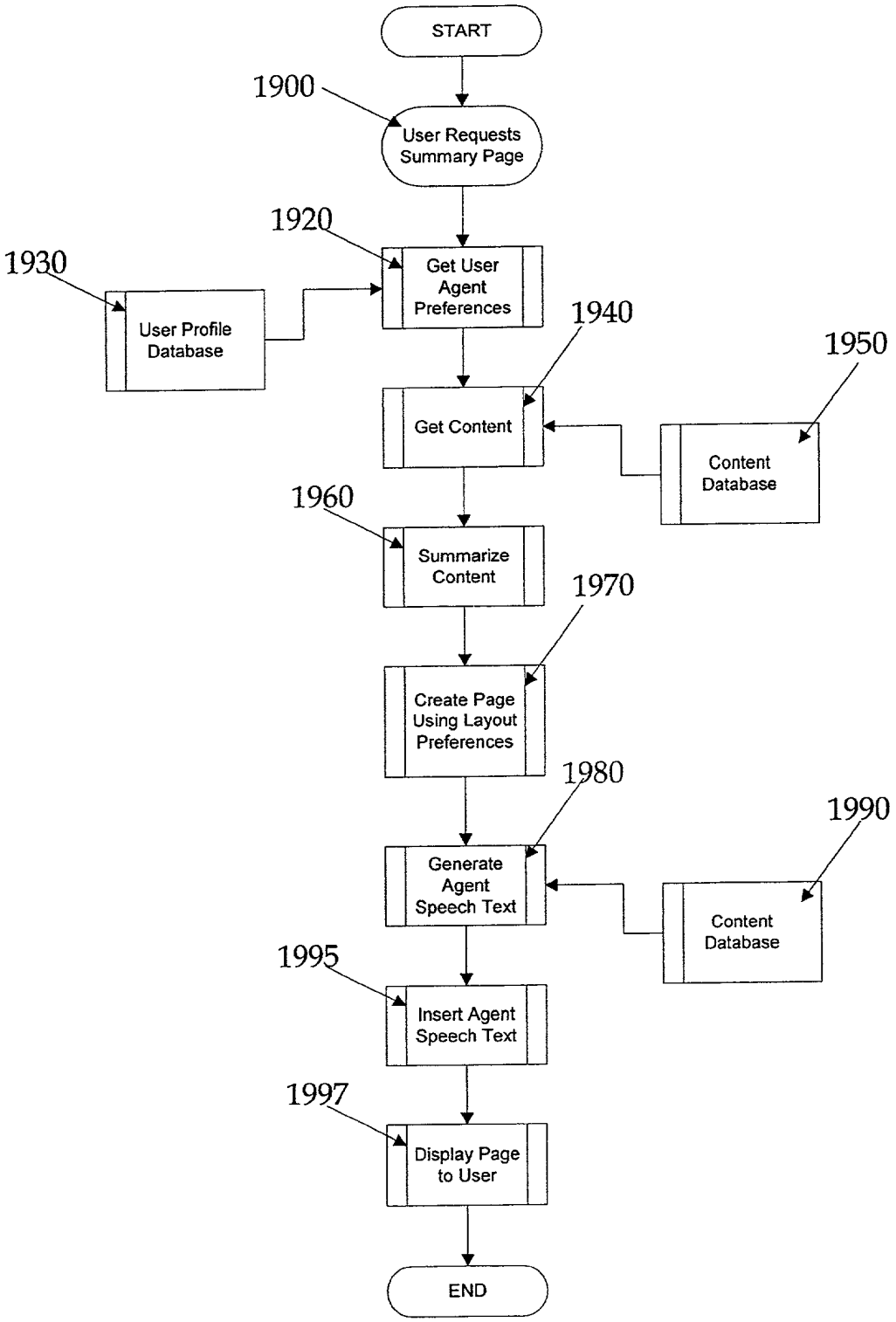

1830
Integrator's Customer Profile Database
1850
Supplier's Customer Information Database
Customer Preferences
Orders
Satisfaction Ratings
Preferences
Orders
Personal Information
1820
Integrator's Web/ Application Server
Preferences
Orders
Requests for Information
1810
Customer's Web Browser
1840
Supplier's Product Database
Product Information
Prices
Specialist Advice
Services
Virtual Products
Intention Web Page
Information
Advice
Progress Reports
Referalls to Suppliers
1860

FIGURE 19


START
1900
User Requests Summary Page
1920
Get User Agent Preferences
1930
User Profile Database
1940
Get Content
1950
Content Database
1960
Summarize Content
1970
Create Page Using Layout Preferences
1980
Generate Agent Speech Text
1990
Content Database
1995
Insert Agent Speech Text
1997
Display Page to User
END

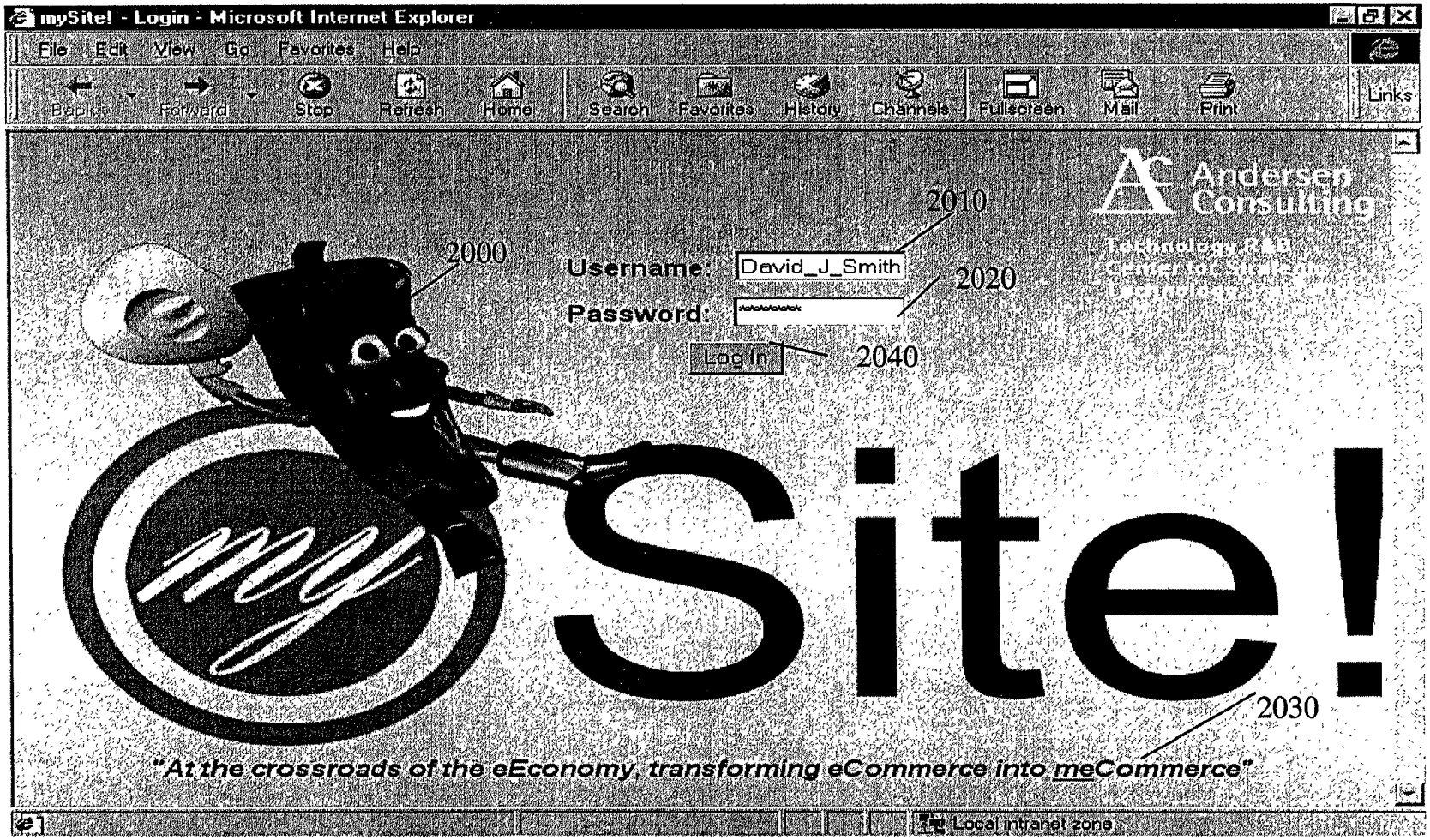

mySite! - Login - Microsoft Internet Explorer
File Edit View Go Favorites Help
Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail Print Links
Andersen Consulting
2000
2010
Username: David_J_Smith
2020
Password:
Log In
2040
Site!
2030
"At the crossroads of the eEconomy, transforming eCommerce into meCommerce"
Local intranet zone

FIGURE 20

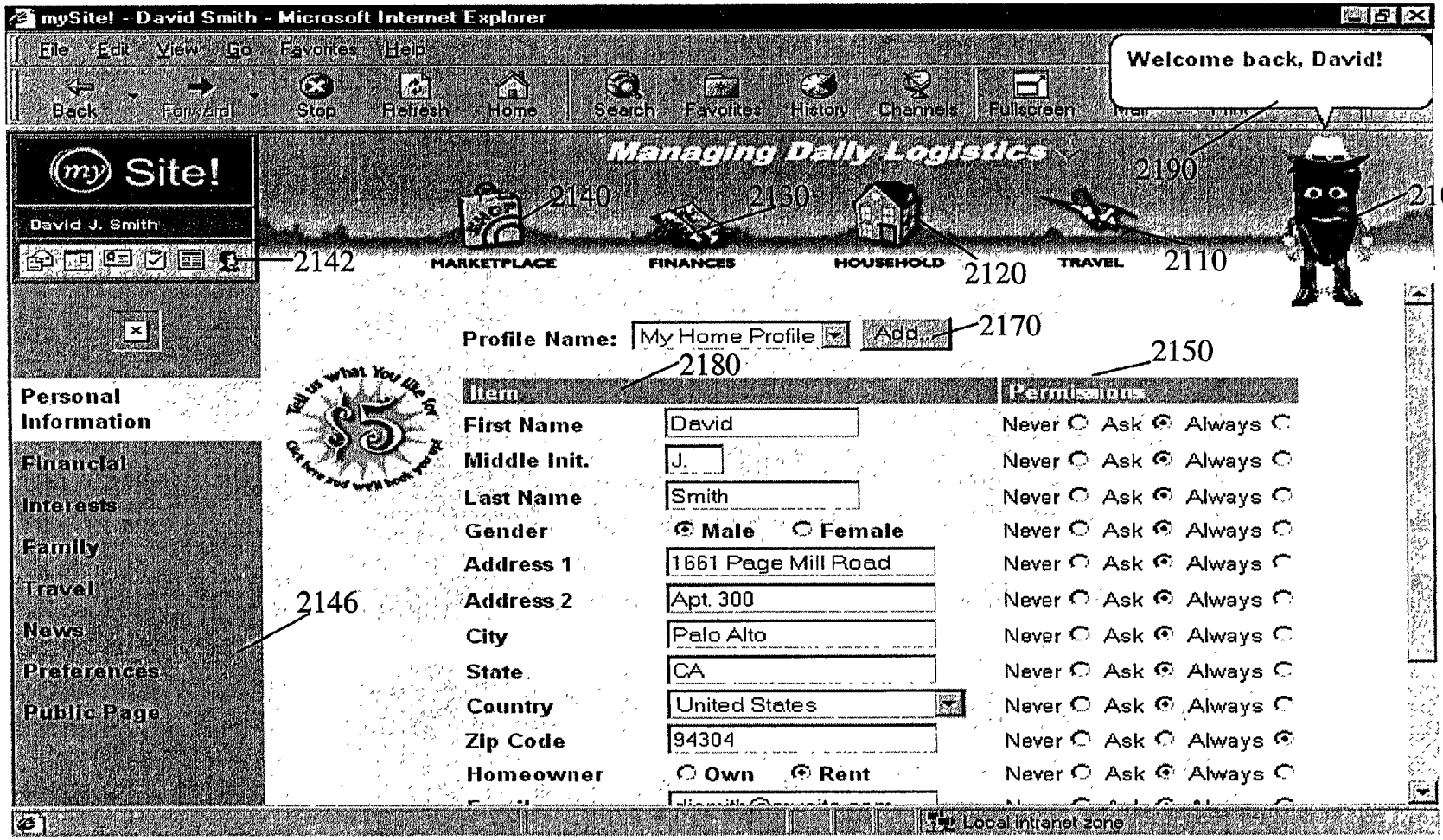

mySite! - David Smith - Microsoft Internet Explorer
File Edit View Go Favorites Help
Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen
Welcome back, David!
my Site!
David J. Smith
Managing Daily Logistics
2190
2100
2140
2130
2142
MARKETPLACE
FINANCES
HOUSEHOLD
2120
TRAVEL
2110
Profile Name: My Home Profile
Add...
2170
2180
2150
Item
Permissions
Personal Information
Financial
Interests
Family
Travel
News
Preferences
Public Page
2146
First Name David
Middle Init. J.
Last Name Smith
Gender Male Female
Address 1 1661 Page Mill Road
Address 2 Apt. 300
City Palo Alto
State CA
Country United States
Zip Code 94304
Homeowner Own Rent
Never Ask Always
Local intranet zone

FIGURE 21

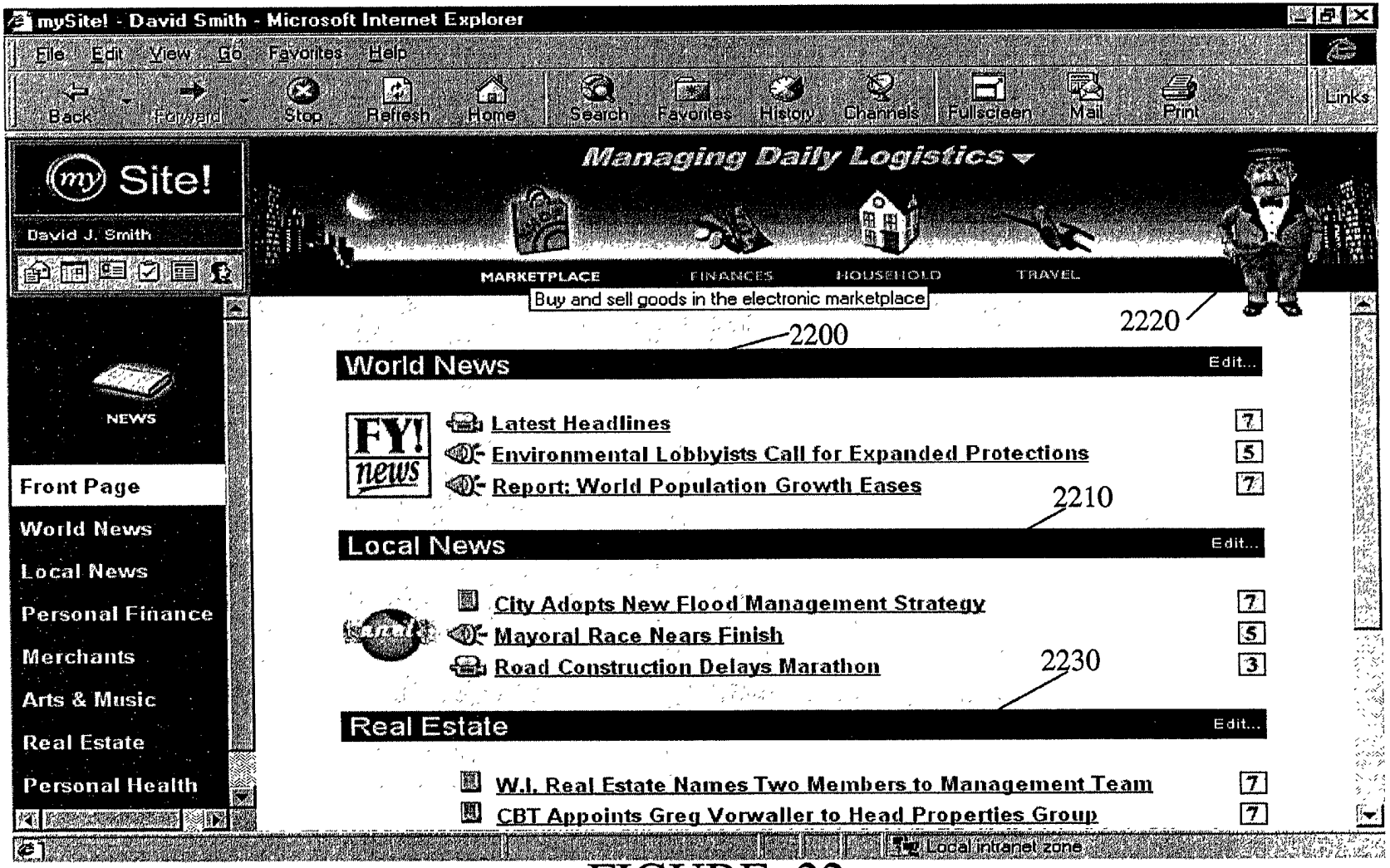

mySite! - David Smith - Microsoft Internet Explorer
File Edit View Go Favorites Help
Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail Print Links
my Site!
David J. Smith
Managing Daily Logistics
MARKETPLACE FINANCES HOUSEHOLD TRAVEL
Buy and sell goods in the electronic marketplace
2200
2220
NEWS
Front Page
World News
Local News
Personal Finance
Merchants
Arts & Music
Real Estate
Personal Health
World News
Edit...
FY! news
Latest Headlines 7
Environmental Lobbyists Call for Expanded Protections 5
Report: World Population Growth Eases 7
2210
Local News
Edit...
City Adopts New Flood Management Strategy 7
Mayoral Race Nears Finish 5
Road Construction Delays Marathon 3
2230
Real Estate
Edit...
W.I. Real Estate Names Two Members to Management Team 7
CBT Appoints Greg Vorwaller to Head Properties Group 7
Local intranet zone

FIGURE 22

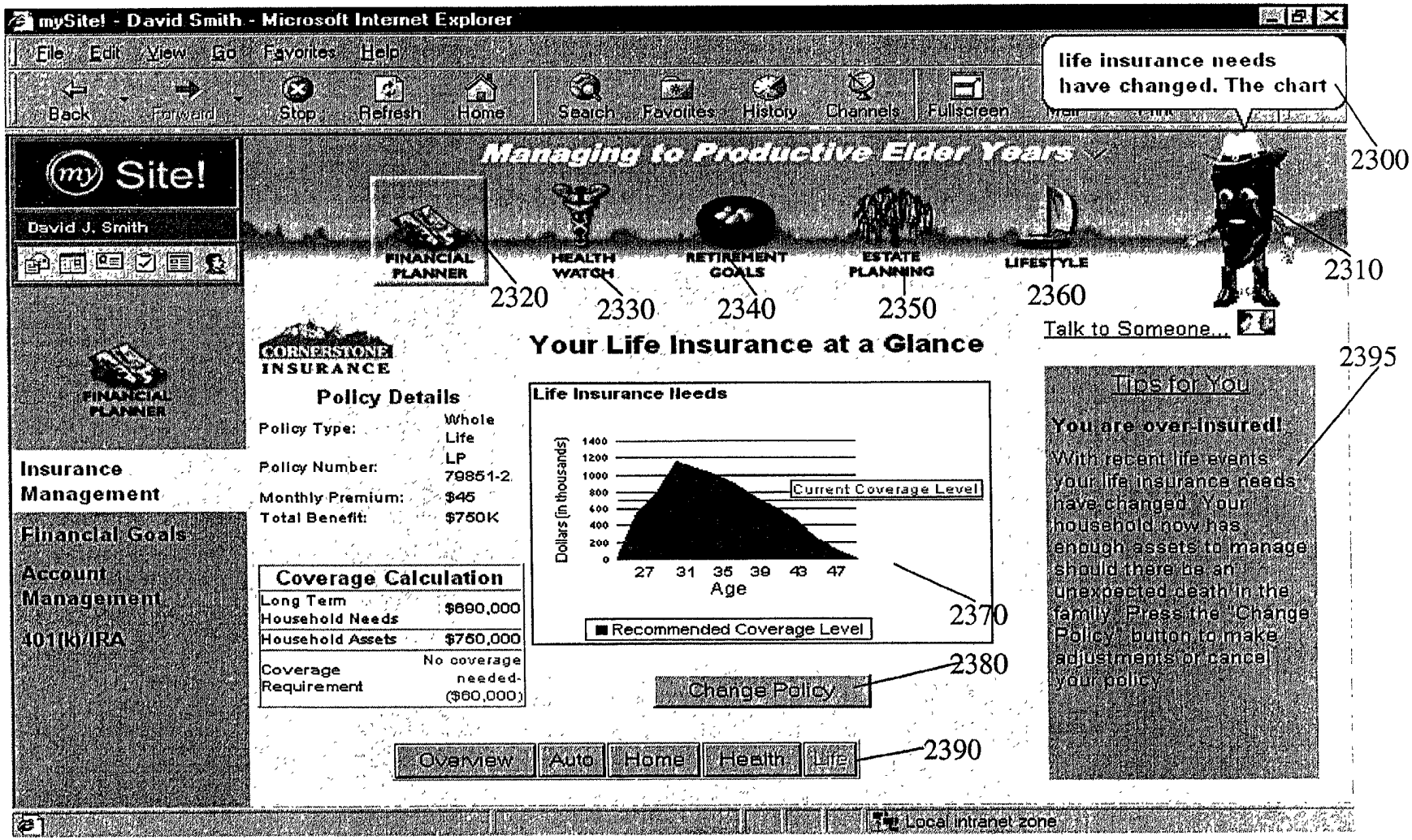

mySite! - David Smith - Microsoft Internet Explorer
File Edit View Go Favorites Help
Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen
life insurance needs have changed. The chart
2300
Managing to Productive Elder Years
mySite!
David J. Smith
FINANCIAL PLANNER
HEALTH WATCH
RETIREMENT GOALS
ESTATE PLANNING
LIFESTYLE
2310
2320
2330
2340
2350
2360
Talk to Someone...
Insurance Management
Financial Goals
Account Management
401(k)/IRA
CORNERSTONE INSURANCE
Your Life Insurance at a Glance
Policy Details
Policy Type: Whole Life
Policy Number: LP 79851-2
Monthly Premium: $45
Total Benefit: $750K
Life Insurance Needs
Dollars (in thousands)
1400
1200
1000
800
600
400
200
0
27 31 35 39 43 47
Age
Current Coverage Level
Recommended Coverage Level
2370
Coverage Calculation
Long Term Household Needs $660,000
Household Assets $750,000
Coverage Requirement No coverage needed- ($60,000)
2380
Change Policy
Tips for You
You are over-insured!
With recent life events your life insurance needs have changed. Your household now has enough assets to manage should there be an unexpected death in the family. Press the "Change Policy" button to make adjustments or cancel your policy.
2395
Overview Auto Home Health Life
2390
Local intranet zone

FIGURE 23

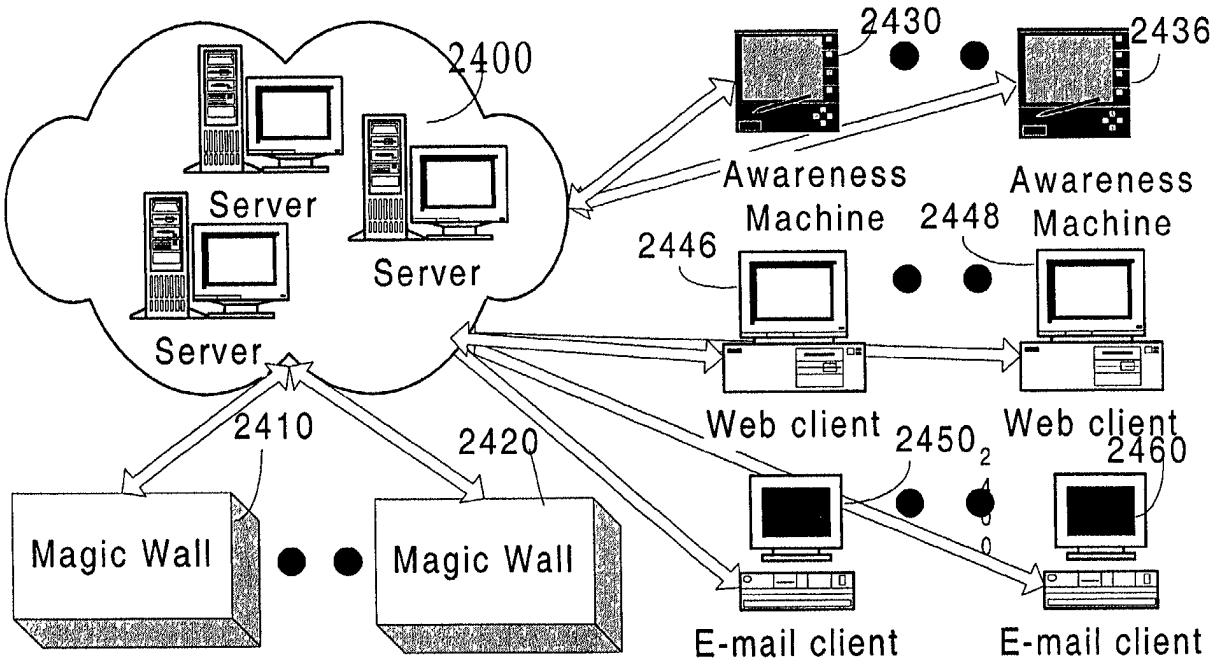

2400
Server
Server
Server
2430
2436
Awareness Machine
Awareness Machine
2446
2448
Web client
Web client
2410
2420
2450
2460
Magic Wall
Magic Wall
E-mail client
E-mail client

Figure 24

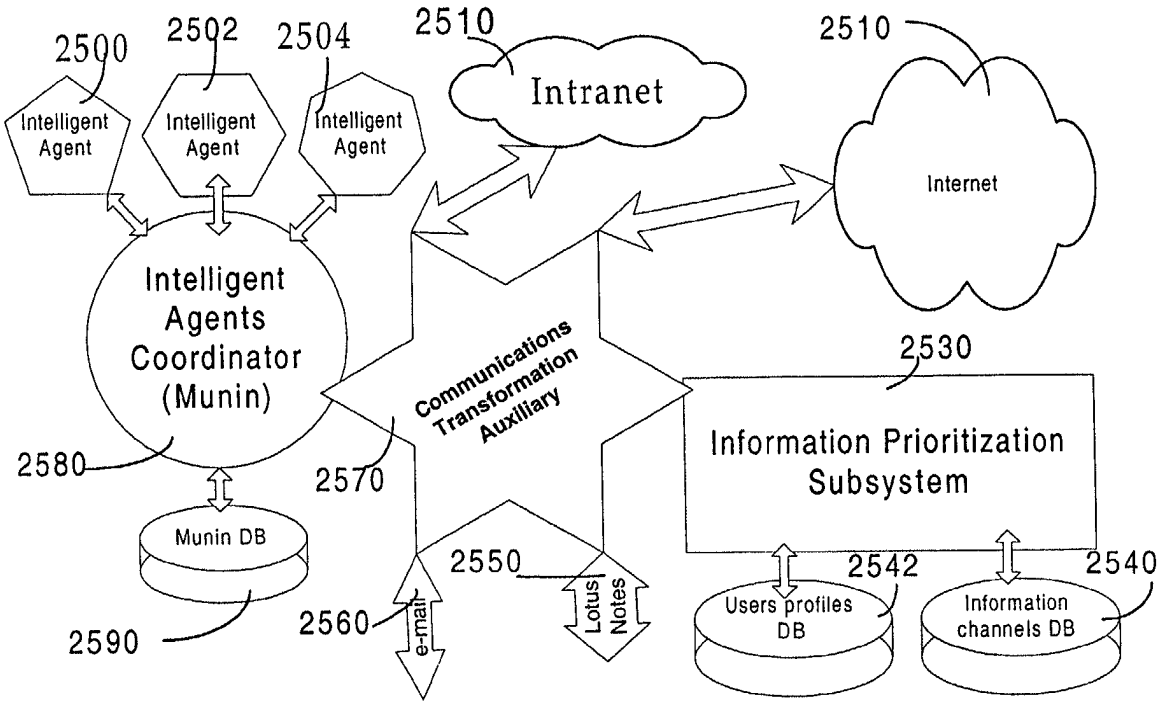

2500
2502
2504
2510
2510
Intelligent Agent
Intelligent Agent
Intelligent Agent
Intranet
Internet
Intelligent Agents Coordinator (Munin)
Communications Transformation Auxiliary
2530
Information Prioritization Subsystem
2580
2570
Munin DB
2550
2542
2540
2560
e-mail
Lotus Notes
Users profiles DB
Information channels DB
2590

Figure 25

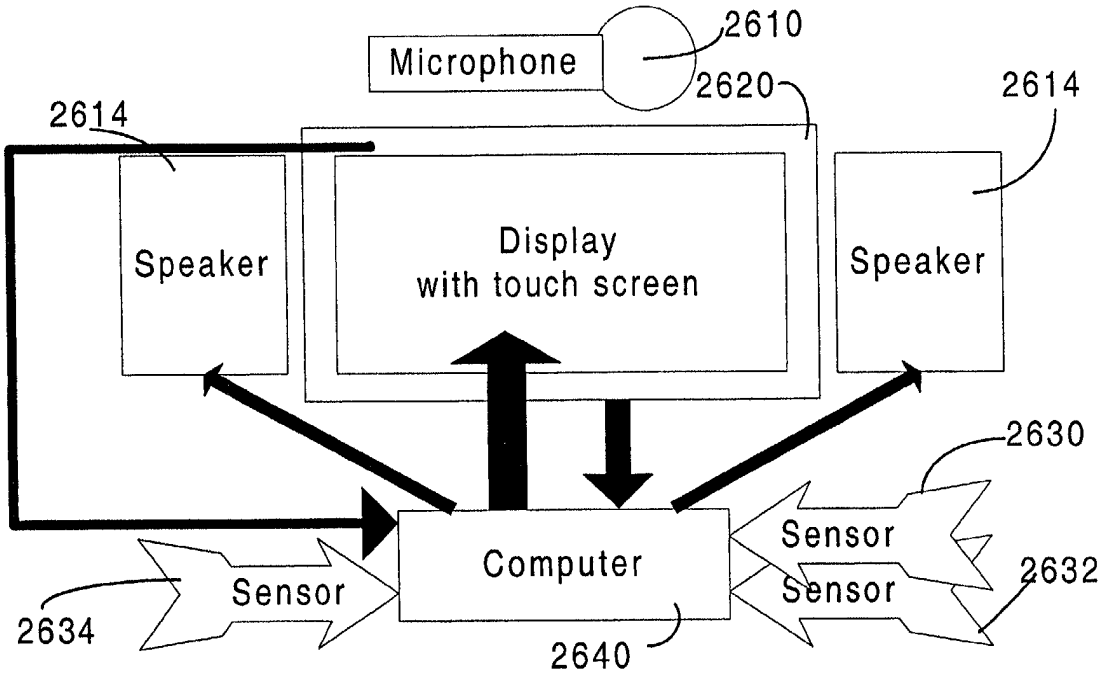
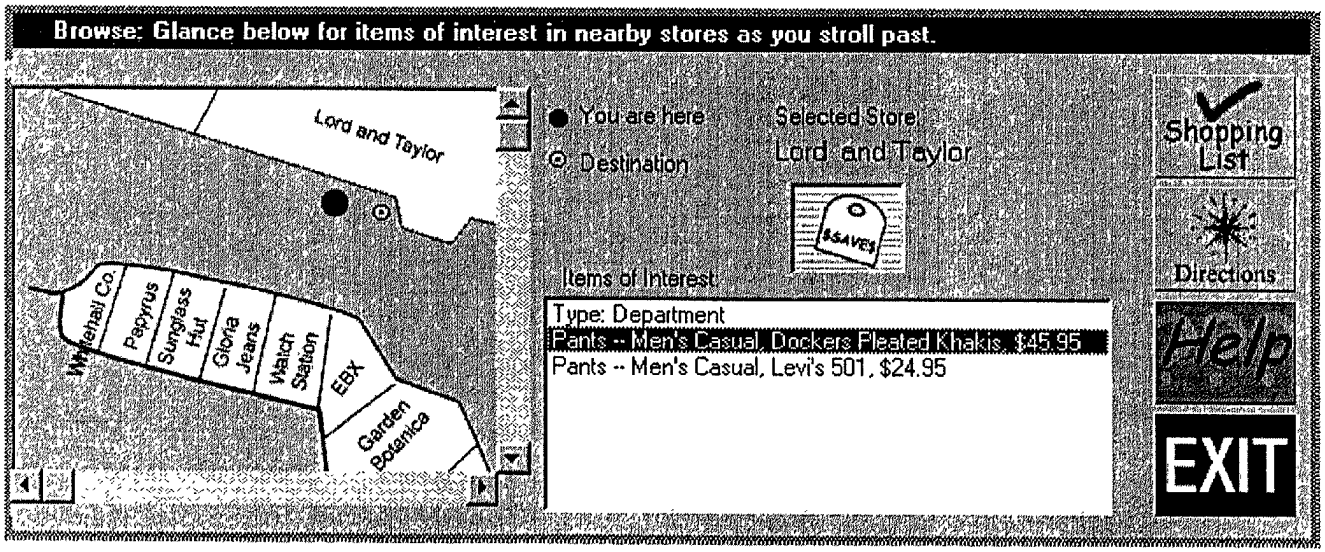

Microphone
2610
2620
2614
2614
Speaker
Display
with touch screen
Speaker
2630
Sensor
Computer
Sensor
2632
Sensor
2634
2640

Figure 26

FIGURE 27


Browse: Glance below for items of interest in nearby stores as you stroll past.
Lord and Taylor
Whitehall Co.
Papyrus
Sunglass Hut
Gloria Jeans
Watch Station
EBX
Garden Botanica
You are here
Destination
Selected Store:
Lord and Taylor
$-SAVER$
Items of Interest:
Type: Department
Pants -- Men's Casual, Dockers Pleated Khakis, $45.95
Pants -- Men's Casual, Levi's 501, $24.95
Shopping List
Directions
Help
EXIT